

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	292476	(merg\$4 coalesc\$4 join\$4 composit\$4 overlay\$4 overlap\$4) near3 (layer plane sub-layer sub-plane sublayer subplane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:09
S2	1318148	(order\$4 arrang\$4 sort\$4 group\$4 separat\$4 organiz\$4 rank\$4 prioritiz\$5) near2 (group set layer plane data data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:12
S3	19842	(assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight) near4 (group set data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:28
S4	20785	(assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight hierarch\$5) near4 (group set data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:30
S5	305	S1 and S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:30
S6	20986	S1 same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:30
S7	5051	S2 same S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:30
S8	1	S1 same S2 same S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:31
S9	26	(S1 same S2) and (S2 same S3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:34

## EAST Search History

S10	26622	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group) near2 (object data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:35
S11	40196	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:36
S12	44802	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:36
S13	45810	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node point vector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:36
S14	50870	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node point vector member)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 11:25
S15	219	(assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight) same S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:43
S16	3242	(classif\$8 rank\$4 order\$4) with S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:44
S17	1470	S16 same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:44
S18	109	S17 and ("345"/\$ "715"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:45

## EAST Search History

S19	16	S15 and ("345"/\$ "715"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 14:45
S20	1359	S2 with S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:14
S21	21	S20 with map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:08
S22	4	S20 same map not S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:08
S24	26	(merg\$4 coalesc\$4 join\$4 composit\$4 overlay\$4 overlap\$4) with S20 not S22 not S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:09
S25	1686904	(order\$4 arrang\$4 sort\$4 group\$4 separat\$4 organiz\$4 rank\$4 prioritiz\$5) near2 (group set layer plane data building element node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:13
S26	252	S25 with S16 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:14
S27	1	S26 same map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:14
S28	52492	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node point vector member building body)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:17

## EAST Search History

S29	11697	map with (layer plane sublayer subplane sub-layer sub-plane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:20
S30	701	S28 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:21
S31	40	S28 same S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:21
S32	40	S31 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:21
S33	20783	(assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight hierarch\$4) near4 (group set data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:28
S34	152	(rank\$4 order\$4 prioritiz\$4 ((assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight))) near3 (area size range amount quantity) same S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:35
S35	59	(rank\$4 order\$4 prioritiz\$4 ((assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight))) near3 (area size range amount quantity) with S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:31
S36	5065	(rank\$4 order\$4 prioritiz\$4 ((assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight))) near3 (area size range amount quantity) and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:29
S37	93	S34 not S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:01
S38	4	("20040218833" "6057840").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:24

## EAST Search History

S39	2	("6278383".pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:25
S41	2	EP-510939-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:26
S42	1	EP-738874-\$.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:28
S43	20	("5161886" "5884217" "6011566" "6141014" "6341254" "6556185" "20040165775" "20050031197" "20050033511" "20050184993").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:29
S44	9	(S38 S39 S40 S41 S42)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:29
S45	25	(S39 S40 S41 S42 S43)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:38
S46	2	"20040001648".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 12:58
S47	44	priorit\$5 with layer with electric\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:00
S48	172	priorit\$5 with layer and electric\$4 and (pipe piping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:00
S49	166	S48 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:12

## EAST Search History

S50	6281	priorit\$8 and layer and user and utilit\$4 and electric\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:12
S51	1328	priorit\$8 and layer and user and utilit\$4 and electric\$4 and pip\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:12
S52	2756	S50 and map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:12
S53	556	S51 and map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:13
S54	102	S53 and priorit\$8 same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:14
S55	78	S54 not Bowman-Amuah.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:15
S56	38	S54 not Bowman-Amuah.in. not Walmsley.in. not Silverbrook.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:15
S57	1319889	(order\$4 arrang\$4 sort\$4 group\$4 separat\$4 organiz\$4 rank\$4 prioritiz\$5) near2 (group set layer plane data data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:18
S58	50961	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node point vector member)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:18

## EAST Search History

S59	3248	(classif\$8 rank\$4 order\$4) with S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:18
S60	1362	S57 with S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:18
S61	26	(merg\$4 coalesc\$4 join\$4 composit\$4 overlay\$4 overlap\$4) with S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:18
S62	55440	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set) near2 (object data item thing element node point vector member)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 11:27
S64	244	(assign\$4 giv\$3 classif\$4 impute) near3 (order priority rank weight) same S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 11:25
S65	3558	(classif\$8 rank\$4 order\$4) with S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 11:25
S68	75002	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set array series) near2 (object data item thing element node point vector member)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:09
S69	52311	(display\$4 show\$4 graph\$3) with (differ\$3 vary\$3 variant dissimilar, alter\$4 disparate unlike unsimilar particular distinctive) near2 (color "fill property" appearance tint hue saturation luminance brightness chrominance "fill area" "alpha value" transparency opacity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:16

## EAST Search History

S70	75002	(plural\$4 several three multipl\$4 pluralit\$4 multiplicit\$4 many some few) near2 (set group subset subgroup sub-group sub-set array series) near2 (object data item thing element node point vector member)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:14
S71	2256	S69 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:14
S72	102	S69 same S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:17
S73	32	S72 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:18
S74	489	S71 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:31
S75	2995	(display\$4 overlay\$4) with different with data with set	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:33
S76	699	(display\$4 overlay\$4) with different with ((data adj set)(dataset))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:32
S77	715	S75 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:32
S78	147	S71 and S75 not S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:32



## EAST Search History

S79	151	S76 and "345"/\$.ccs.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:32
S80	264	(S78 S79)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:32
S81	416	Yabe-Norio.in. Misawa-Makoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:34
S84	2	S69 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:36
S87	2	JP-09167249-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:36
S90	1	"Transparent Window Selection"	IBM_TDB	OR	ON	2007/04/26 14:37
S92	2	("6091482" "6118584").pn.	USPAT	OR	ON	2007/04/27 09:07
S93	12	US-5265202-\$.DID. OR US-5651107-\$.DID. OR US-5805163-\$.DID. OR US-6587128-\$.DID. OR US-20030236836-\$.DID. OR US-6784905-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:53
S94	11	JP-05173743-\$.did. (JP-2000020208-\$ JP-09258949-\$ JP-2000194476-\$ JP-2003046745-\$ JP-2003033506-\$).did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:58
S95	10	(JP-03150971-\$ JP-04042087-\$ JP-07012960-\$ JP-10160858-\$ JP-2001134743-\$ JP-2002073002-\$).did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 16:31

## EAST Search History

S96	2	JP-2000020049-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 16:31
S97	339	map with (overlay\$4 merg\$4 blend\$4 coalesc\$4 interleav\$4 intermix\$4 mix\$4 intermingl\$4 interlac\$4) with (layer ("data set"))((group set collection item grouping series) near2 data))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 04:47
S98	482	map with (overlay\$4 merg\$4 blend\$4 coalesc\$4 interleav\$4 intermix\$4 mix\$4 intermingl\$4 interlac\$4) with (layer ("data set"))((group set collection item grouping series) near2 data) plane sub-layer sub-plane sublayer subplane)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 04:48
S99	132	S97 and (alpha transparen\$4 opac\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 04:48
S10 0	196	S98 and (alpha transparen\$4 opac\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 04:48
S10 1	61	S97 and (alpha transparen\$4 opac\$5) with (overlay\$4 merg\$4 blend\$4 coalesc\$4 interleav\$4 intermix\$4 mix\$4 intermingl\$4 interlac\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 04:49
S10 3	93	S98 and (alpha transparen\$4 opac\$5) with (overlay\$4 merg\$4 blend\$4 coalesc\$4 interleav\$4 intermix\$4 mix\$4 intermingl\$4 interlac\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 04:48
S10 4	5	("7036085" "20040119759" "6724392").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 05:04

## EAST Search History

S10 5	32	S103 not S101	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 05:04
S10 6	4	("6587784" "20050052462").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 08:28
S10 7	8	S106 or ("6658375" "20050099321").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 08:28